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(54) **Cleaning compositions.**

(57) The present invention relates to an aqueous cleaning composition which is useful for the removal of grease or tar without any mechanical action. In particular, the instant compositions are derived from three liquid phases which merge together at the tricritical point to form one continuum forming the aqueous cleaning composition, wherein the three phases incorporate at least a polar solvent, a non-polar solvent or weakly polar solvent and a water soluble or water low molecular weight water dispersible amphiphile.

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# EUROPEAN SEARCH REPORT

Application Number  
EP 94 30 2519

| DOCUMENTS CONSIDERED TO BE RELEVANT   |  |  |  |
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| Category  | Citation of document with indication, where appropriate, of relevant passages  | Relevant to claim  | CLASSIFICATION OF THE APPLICATION (Int.CLS)        |
| X   | EP-A-0 330 379 (THE BRITISH PETROLEUM COMPANY PLC)<br>* page 2, line 21 - line 30 *<br>* page 3, line 3 - line 14 *<br>----    | 1,2,5,6,<br>10   | C11D7/50<br>C11D7/24<br>C11D3/43                   |
| X   | EP-A-0 137 615 (PROCTER & GAMBLE CO.)<br>* page 3, paragraph 2 *<br>* page 4 - page 5 *<br>* page 15, last paragraph *<br>---- | 1,5  |  |
| X   | EP-A-0 164 467 (PROCTER & GAMBLE CO.)<br>* page 8 *<br>* page 12, last paragraph *<br>* claims *<br>----                       | 1,5,6  |  |
| A   | EP-A-0 105 063 (PROCTER & GAMBLE CO.)<br>* page 5, line 8 - line 31 *<br>* page 16 - page 21 *<br>* claims *<br>----           | 1-6  |  |
| A   | WO-A-93 06204 (THE DOW CHEMICAL CO)<br>* abstract *<br>* claims *<br>----  | 1-6  | TECHNICAL FIELDS<br>SEARCHED (Int.CLS)<br><br>C11D |
| A   | GB-A-2 194 547 (COLGATE PALMOLIVE CO)<br>* page 3, line 17 - line 18 *<br>* page 3, line 27 - line 32 *<br>* claims *<br>----  | 1-6  |  |
| A   | US-A-4 362 638 (M.M.CASKEY ET AL.)<br>* the whole document *<br>----   | 1-6  |  |
| A   | EP-A-0 040 882 (PROCTER & GAMBLE CO.)<br>* claims *<br>-----<br>-/--   | 1  |  |
| The present search report has been drawn up for all claims  |  |  |  |
| Place of search<br><b>BERLIN</b>  |  | Date of completion of the search<br><b>10 May 1995</b>   | Examiner<br><b>Pelli Wablat, B</b>                 |
| <b>CATEGORY OF CITED DOCUMENTS</b><br>X : particularly relevant if taken alone<br>Y : particularly relevant if combined with another document of the same category<br>A : technological background<br>O : non-written disclosure<br>P : intermediate document |  | T : theory or principle underlying the invention<br>E : earlier patent document, but published on, or after the filing date<br>D : document cited in the application<br>L : document cited for other reasons<br>& : member of the same patent family, corresponding document |  |

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Application Number  
EP 94 30 2519

| DOCUMENTS CONSIDERED TO BE RELEVANT  |  |   |   |
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| Category   | Citation of document with indication, where appropriate, of relevant passages  | Relevant to claim                               | CLASSIFICATION OF THE APPLICATION (Int.CLS) |
| A  | US-A-4 414 128 (P.C.E.GOFFINET)<br>* column 2, line 61 - line 66 *<br>* column 9, line 21 - line 34 *<br>* claims *<br>----- | 1   |   |
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| The present search report has been drawn up for all claims   |  |   |   |
| Place of search<br>BERLIN  |  | Date of completion of the search<br>10 May 1995 | Examiner<br>Pe111 Wablat, B                 |
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EPO FORM 1503 (01.91) (PCT/CN)